

Chapter 5 Quiz 2 Study Guide
Lessons 5-4 through 5-6



Web Codes:

5-4: aqe-0504

5-6: aqe-0506

5-5: aqe-0505

Name: _____

Period: _____

Lesson 5-4 Adding Mixed Numbers- Find each sum. Remember to always find a common denominators and simplify. Show your work.

| | | |
|----------------------------------|----------------------------------|----------------------------------|
| 1. $2\frac{1}{2} + 3\frac{1}{8}$ | 2. $3\frac{1}{3} + 2\frac{1}{2}$ | 3. $6\frac{2}{3} + 8\frac{1}{2}$ |
| 4. $2\frac{5}{6} + 6\frac{2}{5}$ | 5. $2\frac{2}{3} + 4$ | 6. $5\frac{4}{9} + 3\frac{2}{9}$ |

Lesson 5-5 Subtracting Mixed Numbers- Find each difference. Remember to always find a common denominator and borrow if necessary. Show your work.

| | | |
|----------------------------------|----------------------------------|----------------------------------|
| 5. $9\frac{1}{2} - 4\frac{3}{4}$ | 6. $2\frac{1}{9} - 1\frac{2}{3}$ | 7. $7\frac{5}{9} - 1\frac{2}{3}$ |
| 8. $5\frac{2}{3} - 1\frac{1}{2}$ | 9. $8 - 2\frac{2}{3}$ | 10. $7 - 3\frac{3}{5}$ |

Lesson 5-6 Equations with Fractions- Show your work to solve each equation.
 Match each equation with the correct solution.

- $x - 3\frac{1}{5} = \frac{2}{5}$
 $x + 4\frac{3}{5} = 8$
 $x - 2\frac{1}{5} = 1\frac{3}{5}$
 $x + 4\frac{4}{5} = 8$

A. $3\frac{1}{5}$

B. $3\frac{2}{5}$

C. $3\frac{3}{5}$

D. $3\frac{4}{5}$

Lesson 5-6 Review- Put it all together.

| | | |
|---------------------------------------|---------------------------------------|--|
| 15. $x - 7\frac{2}{3} = 3\frac{5}{6}$ | 16. $x - 6\frac{1}{2} = 7\frac{5}{6}$ | 17. $x + 5\frac{9}{10} = 7\frac{2}{5}$ |
| | | |

Reflect and Review

| Lesson | Concept | Got it! | Need to Review! |
|--------|---------------------------|---------|-----------------|
| 5-4 | Adding Mixed Numbers | | |
| 5-5 | Subtracting Mixed Numbers | | |
| 5-6 | Equations with Fractions | | |